

WHAT IS CLAIMED IS:

1. An image forming apparatus including a plurality of memory media and forming an image in accordance with control codes stored in said plurality of memory media, said image forming apparatus comprising:

a plurality of memory media for storing control codes to control said image forming apparatus, and

10      rewrite means for rewriting the control codes stored in said plurality of memory media,

         said rewrite means transferring rewrite execution codes, which are adapted to execute rewrite of the control codes, to predetermined one of said plurality of  
15      memory media from an external apparatus, and rewriting the control codes in accordance with the transferred rewrite execution codes.

2. The image forming apparatus according to Claim  
20      1, wherein said predetermined memory medium, to which the rewrite execution codes are transferred, is a nonvolatile memory medium.

3. The image forming apparatus according to Claim  
25      1, wherein said predetermined memory medium, to which the rewrite execution codes are transferred, is a

volatile memory medium.

4. The image forming apparatus according to Claim  
1, wherein the rewrite execution codes include address  
5 information for executing rewrite of the control codes,  
and execute rewrite of the control codes in accordance  
with the address information.

5. The image forming apparatus according to Claim  
10 1, further comprising image forming control means for  
controlling an image forming process, and switching  
means for exclusively changing over whether the image  
forming process is executed by said image forming  
control means or rewrite of the control codes is  
15 executed by said rewrite means.

6. The image forming apparatus according to Claim  
5, wherein said switching means exclusively changes over  
using a predetermined switch whether the image forming  
20 process is executed by said image forming control means  
or rewrite of the control codes is executed by said  
rewrite means.

7. The image forming apparatus according to Claim  
25 5, wherein said switching means exclusively changes over  
in accordance with a predetermined command transmitted

from said external apparatus whether the image forming process is executed by said image forming control means or rewrite of the control codes is executed by said rewrite means.

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8. A rewrite control method for an image forming apparatus including a plurality of memory media and forming an image in accordance with control codes stored in said plurality of memory media, said rewrite control method comprising:

a storing step of storing control codes to control said image forming apparatus in a plurality of memory media, and

a rewriting step of rewriting the control codes stored in said plurality of memory media,

said rewriting step comprising the steps of transferring rewrite execution codes, which are adapted to execute rewrite of the control codes, to predetermined one of said plurality of memory media from an external apparatus, and rewriting the control codes in accordance with the transferred rewrite execution codes.

9. The rewrite control method for the image forming apparatus according to Claim 8, wherein said predetermined memory medium, to which the rewrite

execution codes are transferred, is a nonvolatile memory medium.

10. The rewrite control method for the image forming apparatus according to Claim 8, wherein said predetermined memory medium, to which the rewrite execution codes are transferred, is a volatile memory medium.

11. The rewrite control method for the image forming apparatus according to Claim 8, wherein the rewrite execution codes include address information for executing rewrite of the control codes, and execute rewrite of the control codes in accordance with the address information.

12. The rewrite control method for the image forming apparatus according to Claim 8, further comprising an image forming control step of controlling an image forming process, and a switching step of exclusively changing over whether the image forming process is executed by said image forming control step or rewrite of the control codes is executed by said rewriting step.

13. The rewrite control method for the image

forming apparatus according to Claim 12, wherein said switching step exclusively changes over using a predetermined switch whether the image forming process is executed by said image forming control step or  
5 rewrite of the control codes is executed by said rewriting step.

14. The rewrite control method for the image forming apparatus according to Claim 12, wherein said  
10 switching step exclusively changes over in accordance with a predetermined command transmitted from said external apparatus whether the image forming process is executed by said image forming control step or rewrite of the control codes is executed by said rewriting step.

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*[Handwritten signature]* 15. An image forming apparatus forming an image in accordance with control codes stored in a memory medium, said image forming apparatus comprising:

a memory medium for storing control codes, to  
20 control said image forming apparatus; and

rewrite means for rewriting the control codes stored in said memory medium,

said rewrite means obtaining rewrite execution codes, which are adapted to execute rewrite of the  
25 control codes, from an external apparatus, and receiving the control codes from the external apparatus to rewrite

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the control codes in accordance with the obtained  
rewrite execution codes.

16. The image forming apparatus according to Claim  
5 15, wherein said rewrite execution codes are transferred  
to a nonvolatile memory medium.

17. The image forming apparatus according to Claim  
15, wherein said rewrite execution codes are transferred  
10 to a volatile memory medium.

18. The image forming apparatus according to Claim  
15, wherein the rewrite execution codes include address  
information for executing rewrite of the control codes,  
15 and execute rewrite of the control codes in accordance  
with the address information.

19. The image forming apparatus according to Claim  
15, further comprising image forming control means for  
20 controlling an image forming process, and switching  
means for exclusively changing over whether the image  
forming process is executed by said image forming  
control means or rewrite of the control codes is  
executed by said rewrite means.

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20. The image forming apparatus according to Claim



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medium.

23. The rewrite control method for the image forming apparatus according to Claim 22, further comprising a transfer step of transferring the rewrite execution codes to a nonvolatile memory medium.

24. The rewrite control method for the image forming apparatus according to Claim 22, further comprising a transfer step of the rewrite execution codes to a volatile memory medium.

25. The rewrite control method for the image forming apparatus according to Claim 22, wherein the rewrite execution codes include address information for executing rewrite of the control codes, and execute rewrite of the control codes in accordance with the address information.

26. The rewrite control method for the image forming apparatus according to Claim 22, further comprising an image forming control step of controlling an image forming process, and a switching step of exclusively changing over whether the image forming process is executed by said image forming control step or rewrite of the control codes is executed by said



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rewriting step.

27. The rewrite control method for the image forming apparatus according to Claim 26, wherein said switching step exclusively changes over using a predetermined switch whether the image forming process is executed by said image forming control step or rewrite of the control codes is executed by said rewriting step.

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28. The rewrite control method for the image forming apparatus according to Claim 26, wherein said switching step exclusively changes over in accordance with a predetermined command transmitted from said external apparatus whether the image forming process is executed by said image forming control step or rewrite of the control codes is executed by said rewriting step.

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